










## PROCESS FOR PRODUCING WATER-DISPERSIBLE ALUMINIUM HYDRATES WITH A BOEHMITIC STRUCTURE AND THE USE THEREOF

**Patent number:** WO9512547  
**Publication date:** 1995-05-11  
**Inventor:** NOWECK KLAUS (DE); SCHIMANSKI JUERGEN (DE);  
MEYER ARNOLD (DE)  
**Applicant:** RWE DEA AG (DE); NOWECK KLAUS (DE);  
SCHIMANSKI JUERGEN (DE); MEYER ARNOLD (DE)  
**Classification:**  
**- international:** *B01J19/02; B01J21/04; B01J37/03; C01F7/36;  
C03C17/25; C04B35/111; C23C30/00; B01J19/02;  
B01J21/00; B01J37/00; C01F7/00; C03C17/25;  
C04B35/111; C23C30/00; (IPC1-7): C01F7/36*  
**- european:** B01J19/02; B01J21/04; B01J37/03B2; C01F7/36;  
C03C17/25; C04B35/111B; C23C30/00  
**Application number:** WO1994DE01089 19940915  
**Priority number(s):** DE19934337643 19931104

**Also published as:**

 EP0726877 (A1)  
 US6030599 (A1)  
 EP0726877 (B1)  
 DE4337643 (C1)

**Cited documents:**

 US4676928  
 EP0314166  
 EP0238103  
 EP0125507  
 EP0177198  
more >>

[Report a data error here](#)

### Abstract of **WO9512547**

The description relates to a process for producing aluminium hydrates of boehmitic structure. Said aluminium hydrates are dispersible in water. The boehmite or pseudo-boehmite is present in the colloidal dispersions obtained with a pH of between 3 and 7 with nanocrystalline structures (< 4 nm), giving the dispersion an unusually high translucency.

---

Data supplied from the **esp@cenet** database - Worldwide